CONFIDENTIAL

98245

17 May 1967
Ref: LJC 744-1674

Post Office Box 8043
Southwest Station
Washington, D.C. 20024

25X1A Attention: [redacted]
Contracting Officer

25X1A Subject: [redacted]

Dear Sir:

In accordance with the terms of the contract, we are transmitting herewith two (2) copies of Progress Report No. 9, Phase II, which covers the period 3 April 1967, through 30 April 1967.

Very truly yours,

ORIGINAL SIGNED BY

[redacted] 25X1A
Contracts

cc
encls. (2)

DECLASS REVIEW by NIMA/DOD

3cc: Progress Report No, 9, Phase II to:

25X1A [redacted]
Post Office Box 8031
Southwest Station
Washington, D.C. 20024

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[redacted]

25X1A

PROGRESS REPORT NO. 9
PHASE II

Report Period 4/3/67 - 4/30/67

MULTI-PURPOSE DATA BLOCK READER

25X1A

Submitted by: [redacted]

Program Manager

A. CURRENT STATUS

Unit No. 1 - Debugging with simulated data has been completed and debugging using actual film is in progress.

Unit No. 2 - Tray wiring and panel wiring have been completed.

During checkout of the "end-of-frame-detector", it became apparent that the heat of the projection lamp causes expansion of the optical assembly. This changes the light distribution along the reading head, causing the "end-of-frame-detector" to show false indications. To correct this condition, a heat filter was added to the optical assembly and parts are being made to change the focus point of the lamp filament. This should help to flatten the light distribution curve so that the expansion due to heat will have a lesser effect.

After initial modifications are made, the performance results of retesting the "end-of-frame-detector" function will determine if any impact on schedule may be expected.

B. PROJECTED WORK FOR NEXT PERIOD

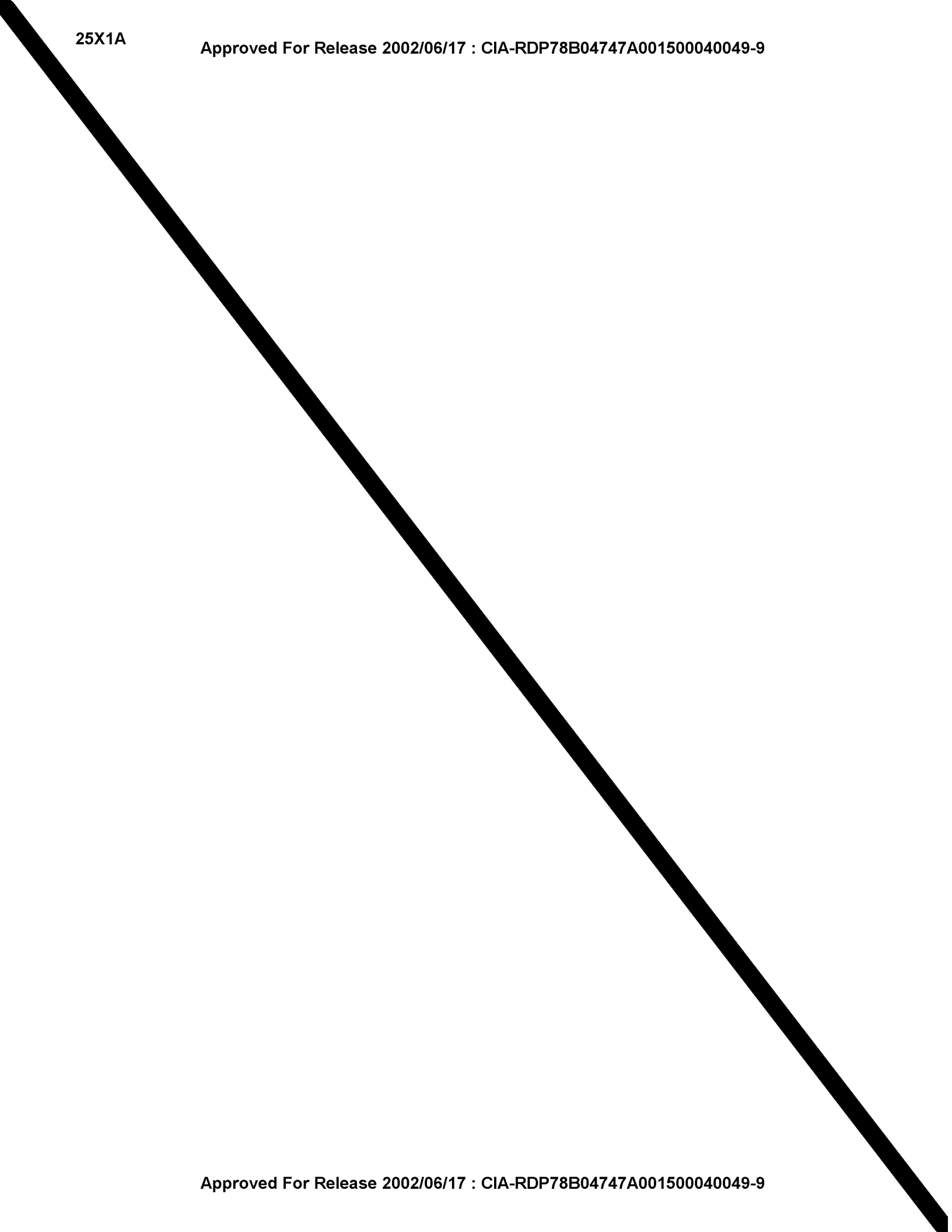
Unit No. 1:

1) Completion of transport debugging
2) Completion of electrical assembly debugging
3) Completion of acceptance testing
4) Ship Unit No. 1

Unit No. 2:

1) Complete optical assembly
2) Complete electrical assembly
3) Start debugging of Unit No. 2

Start work on technical manuals.



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